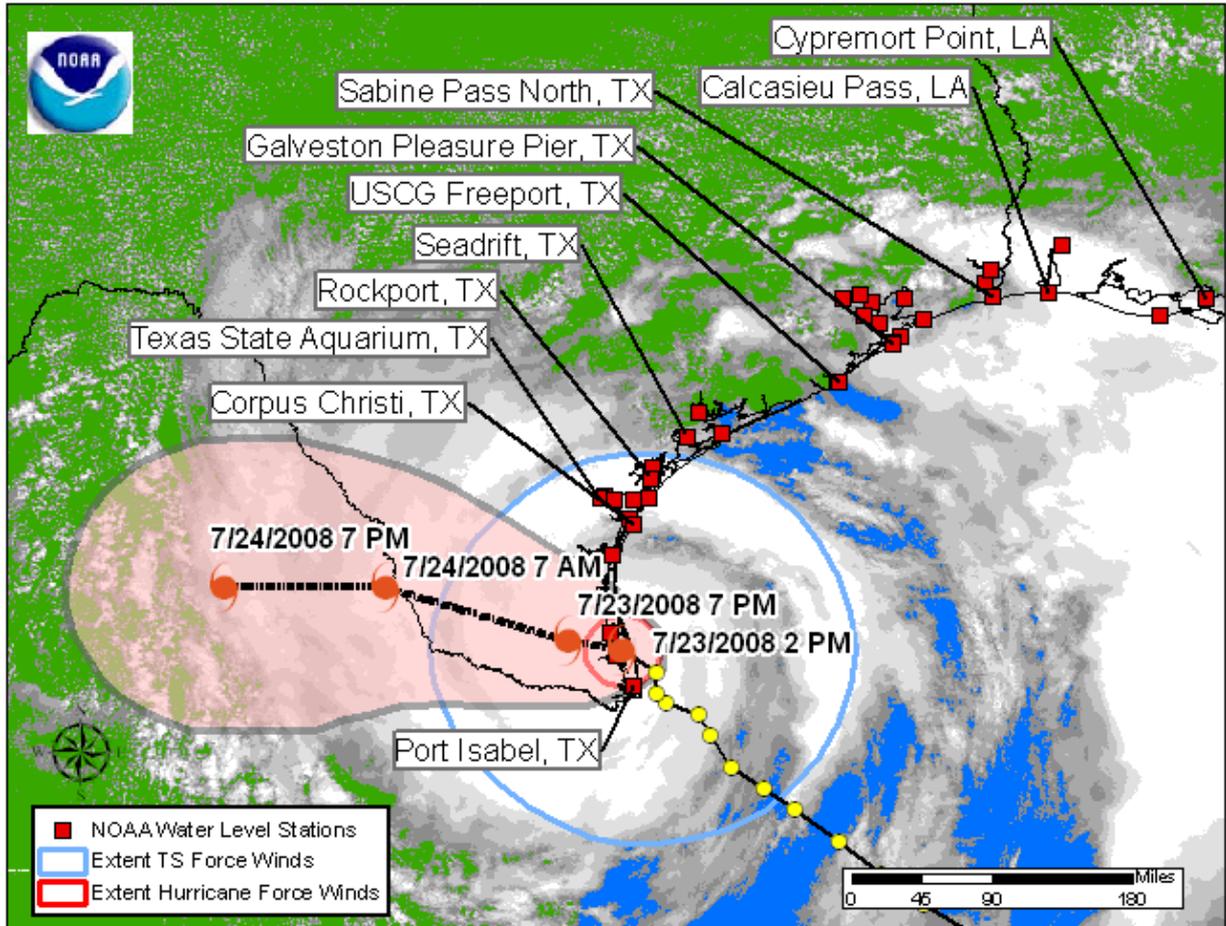




Hurricane DOLLY QuickLook
Posted: 15:00 CDT 07/23/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 07/23/2008 15:00 CDT, water levels along most of the Gulf Coast continue to rise and range between 1 to 3 feet above predicted. Barometric pressure continues to fall. However, water levels are currently falling at Port Isabel and the barometric pressure is starting to rise.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Port Isabel, TX: Next predicted high tide is 0.70 ft (0.21 m) on 07/23/2008 at 19:56 CDT.

Corpus Christi, TX: Next predicted high tide is 0.90 ft (0.27 m) on 07/23/2008 at 18:45 CDT.

Texas State Aquarium, TX: Next predicted high tide is 0.19 ft (0.06 m) on 07/24/2008 at 00:09 CDT.

Rockport, TX: Next predicted high tide is 0.15 ft (0.05 m) on 07/24/2008 at 09:18 CDT.

Seadrift, TX: Next predicted high tide is 0.1 ft (0.03 m) on 07/23/2008 at 15:37 CDT.

USCG Freeport, TX: Next predicted high tide is 1.00 ft (0.30 m) on 07/23/2008 at 19:22 CDT.

Galveston Pleasure Pier, TX: Next predicted high tide is 1.1 ft (0.34 m) on 07/23/2008 at 19:55 CDT.

Sabine Pass North: Next predicted high tide is 1.20 ft (0.37 m) on 07/23/2008 at 19:35 CDT.

Calcasieu Pass, LA: Next predicted high tide is 1.60 ft (0.49 m) on 07/23/2008 at 18:21 CDT.

Cypremort Point, LA: Next predicted high tide is 1.10 ft (0.34 m) on 07/23/2008 at 21:57 CDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook Homepage](#).

Analyst: CMM

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

HURRICANE DOLLY INTERMEDIATE ADVISORY NUMBER 13B

...DOLLY MADE LANDFALL IN SOUTH PADRE ISLAND...EXPECTED TO MOVE FARTHER INLAND OVER SOUTHERN TEXAS LATER TODAY...

A HURRICANE WARNING REMAINS IN EFFECT FOR THE COAST OF TEXAS FROM BROWNSVILLE TO CORPUS CHRISTI AND FOR THE NORTHEASTERN COAST OF MEXICO FROM RIO SAN FERNANDO NORTHWARD TO THE BORDER BETWEEN MEXICO AND THE UNITED STATES. PREPARATIONS TO PROTECT LIFE AND PROPERTY SHOULD BE RUSHED TO COMPLETION.

A TROPICAL STORM WARNING REMAINS IN EFFECT FROM NORTH OF CORPUS CHRISTI TO PORT O'CONNOR.

AT 200 PM CDT THE EYE OF HURRICANE DOLLY WAS LOCATED NEAR LATITUDE 26.4 NORTH, LONGITUDE 97.3 WEST. THIS POSITION IS OVER LAGUNA MADRE ABOUT 35 MILES NORTH-NORTHEAST OF BROWNSVILLE TEXAS AND 30 MILES EAST SOUTHEAST OF RAYMONDVILLE.

DOLLY IS NOW MOVING TOWARD THE WEST-NORTHWEST NEAR 7 MPH. ON THE FORECAST TRACK, THE EYE OF HURRICANE DOLLY WILL BE MOVING INLAND OVER FAR SOUTH TEXAS LATER TODAY. PERSONS ARE ADVISED NOT TO VENTURE OUTDOORS DURING THE RELATIVE CALM OF THE EYE BECAUSE WINDS WILL SOON INCREASE QUITE RAPIDLY.

BECAUSE A PORTION OF THE CIRCULATION OF DOLLY HAS BEEN INTERACTING WITH

LAND, THE MAXIMUM SUSTAINED WINDS HAVE DECREASED TO NEAR 95 MPH WITH HIGHER GUSTS. DOLLY IS NOW A CATEGORY ONE HURRICANE ON THE SAFFIR-SIMPSON SCALE. STRONGER WINDS, ESPECIALLY IN GUSTS, ARE LIKELY ON HIGH RISE BUILDINGS. A GRADUAL WEAKENING SHOULD BEGIN SOON AS THE EYE MOVES FARTHER INLAND.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 25 MILES FROM THE CENTER AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 140 MILES. HARLINGEN TEXAS MEASURED 54 MPH SUSTAINED WINDS WITH GUSTS TO 74 MPH.

MINIMUM CENTRAL PRESSURE REPORTED BY AN AIR FORCE RECONNAISSANCE PLANE AT LANDFALL WAS 967 MB.

DOLLY IS EXPECTED TO PRODUCE TOTAL RAINFALL ACCUMULATIONS OF 8 TO 12 INCHES WITH ISOLATED AMOUNTS OF 20 INCHES OVER PORTIONS OF SOUTH TEXAS AND NORTHEASTERN MEXICO OVER THE NEXT FEW DAYS. BROWNSVILLE NATIONAL WEATHER SERVICE DOPPLER RADAR HAS ESTIMATED UP TO A FOOT OF RAIN SO FAR OVER PORTIONS OF COASTAL FAR SOUTH TEXAS. THESE RAINS WILL LIKELY CAUSE WIDESPREAD FLOODING ACROSS PORTIONS OF SOUTH TEXAS AND NORTHEAST MEXICO.

COASTAL STORM SURGE FLOODING OF 6 TO 8 FEET ABOVE NORMAL TIDE LEVELS ALONG WITH LARGE AND DANGEROUS BATTERING WAVES CAN BE EXPECTED NEAR AND TO THE NORTH OF WHERE THE CENTER MAKES LANDFALL.

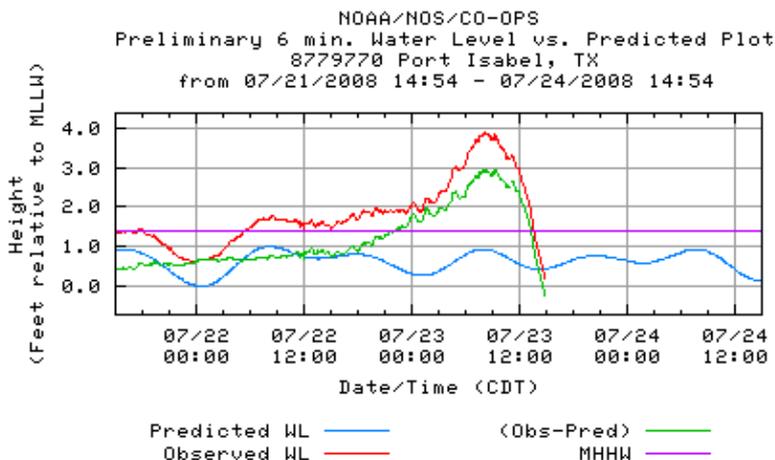
ISOLATED TORNADOES ARE POSSIBLE OVER PORTIONS OF SOUTH TEXAS TODAY AND TONIGHT.

FORECASTER AVILA

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Port Isabel - Water Level](#), [Port Isabel - Air/Water Temp](#), [Port Isabel - Winds](#), [Port Isabel - Barometric](#), [Corpus Christi - Water Level](#), [Corpus Christi - Air/Water Temp](#), [Corpus Christi - Winds](#), [Corpus Christi - Barometric](#), [Texas State Aquarium - Water Level](#), [Rockport - Water Level](#), [Rockport - Air/Water Temp](#), [Rockport - Winds](#), [Rockport - Barometric](#), [Seadrift - Water Level](#), [USCG Freeport - Water Level](#), [USCG Freeport - Air/Water Temp](#), [USCG Freeport - Winds](#), [USCG Freeport - Barometric](#), [Galveston Pleasure Pier - Water Level](#), [Galveston Pleasure Pier - Air/Water Temp](#), [Galveston Pleasure Pier - Winds](#), [Galveston Pleasure Pier - Barometric](#), [Sabine Pass North - Water Level](#), [Sabine Pass North - Air/Water Temp](#), [Sabine Pass North - Winds](#), [Sabine Pass North - Barometric](#), [Calcasieu Pass - Water Level](#), [Calcasieu Pass - Winds](#), [Calcasieu Pass - Barometric](#), [Cypremort Point - Water Level](#),

Port Isabel, TX - Station Map [Return to List](#)

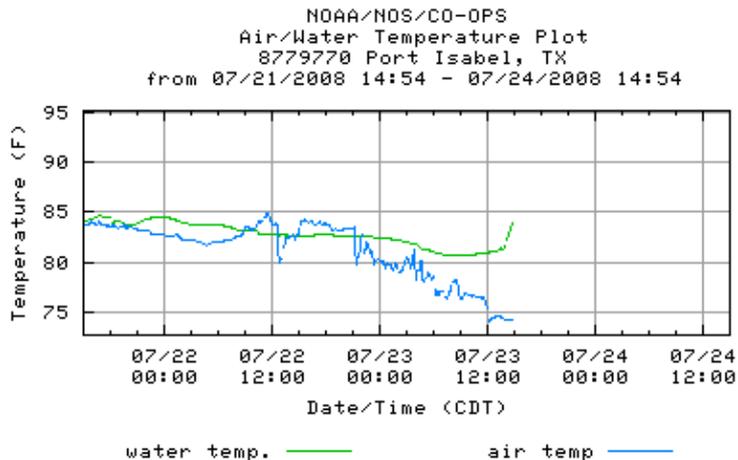


Last Observed Sample: 07/23/2008 14:42 (CDT)

Relative to **MLLW**: **Observed: 0.21 ft. Predicted: 0.43 ft. Residual: -0.22 ft.**

Historical Maximum Water Level: 08/09/1980, 5.67 ft. above **MHHW**

Port Isabel, TX - Station Map [Return to List](#)

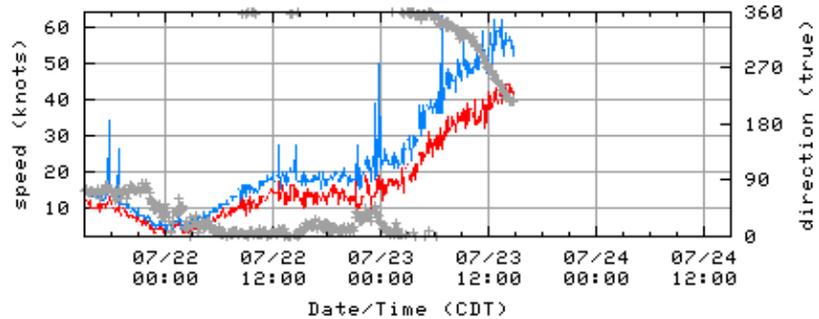


Last Observed Sample: 07/23/2008 14:42 (CDT)

Water Temperature: 84.0° F Air Temperature: 74.3° F

Port Isabel, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8779770 Port Isabel, TX
from 07/21/2008 14:54 - 07/24/2008 14:54



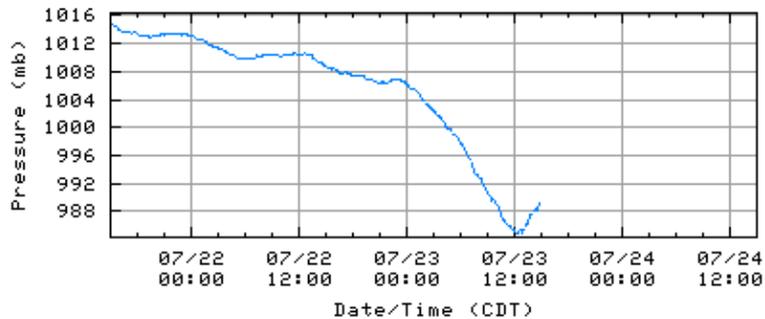
speed — gusts — direction +

Last Observed Sample: 07/23/2008 14:42 (CDT)

Wind Speed: 39 knots Gusts: 52 knots Direction: 216° T

Port Isabel, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Barometric Pressure Plot
8779770 Port Isabel, TX
from 07/21/2008 14:54 - 07/24/2008 14:54

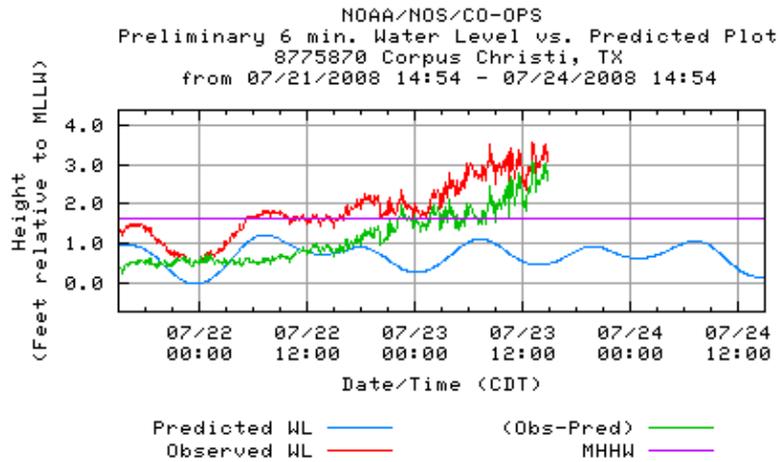


barometric pressure —

Last Observed Sample: 07/23/2008 14:42 (CDT)

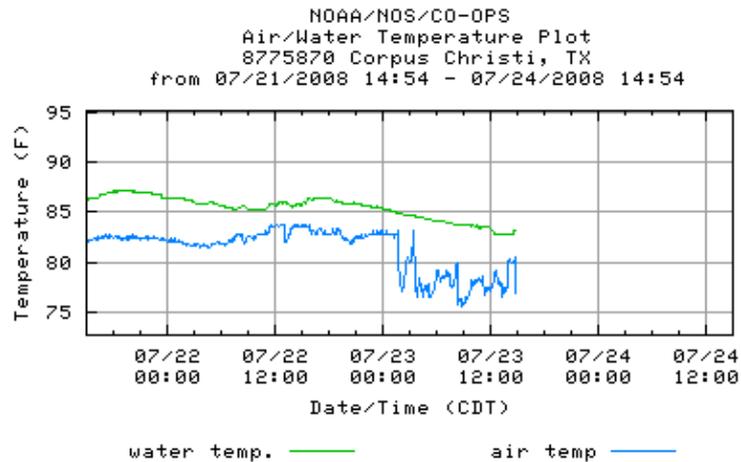
Barometric Pressure: 989.1 mb

Corpus Christi, TX - Station Map [Return to List](#)



Last Observed Sample: 07/23/2008 14:42 (CDT)
Relative to **MLLW**: **Observed: 3.09 ft. Predicted: 0.48 ft. Residual: 2.61 ft.**
Historical Maximum Water Level: 09/10/1998, 3.33 ft. above **MHHW**

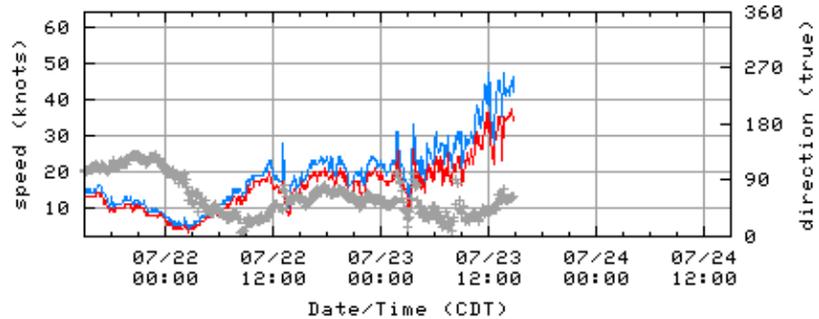
Corpus Christi, TX - Station Map [Return to List](#)



Last Observed Sample: 07/23/2008 14:42 (CDT)
Water Temperature: 83.1° F Air Temperature: 77.0° F

Corpus Christi, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8775870 Corpus Christi, TX
from 07/21/2008 14:54 - 07/24/2008 14:54



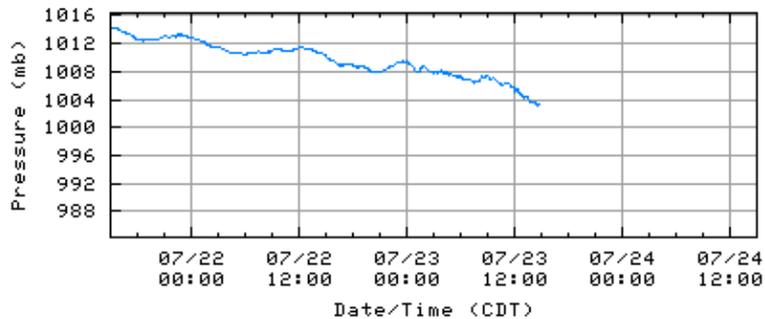
speed — gusts — direction +

Last Observed Sample: 07/23/2008 14:42 (CDT)

Wind Speed: 34 knots Gusts: 46 knots Direction: 065° T

Corpus Christi, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Barometric Pressure Plot
8775870 Corpus Christi, TX
from 07/21/2008 14:54 - 07/24/2008 14:54

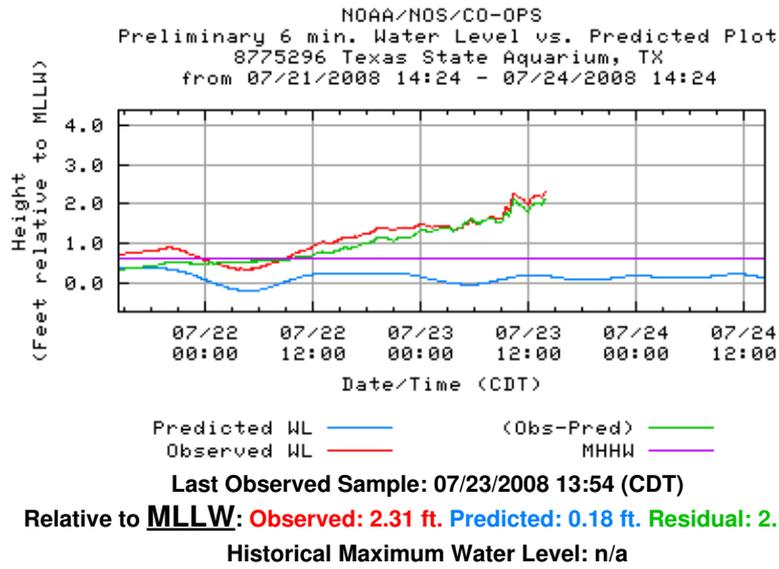


barometric pressure —

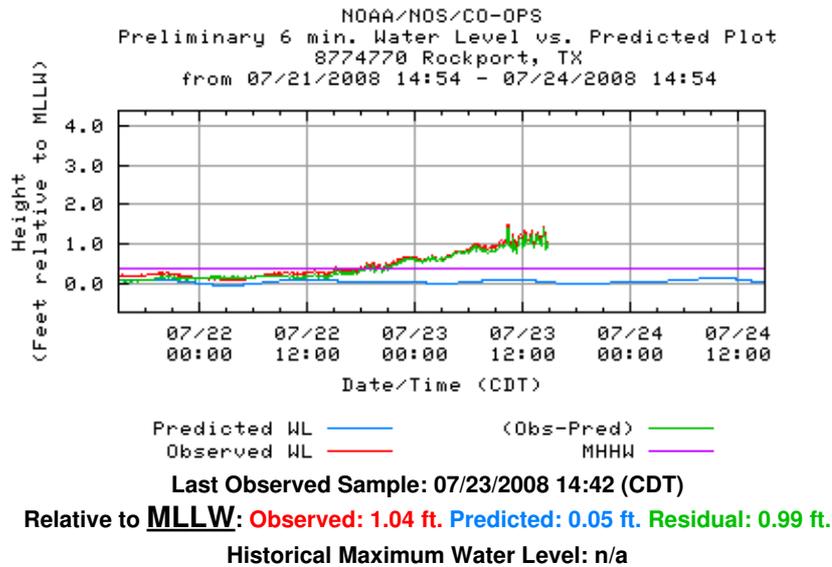
Last Observed Sample: 07/23/2008 14:42 (CDT)

Barometric Pressure: 1003.4 mb

Texas State Aquarium, TX - Station Map [Return to List](#)

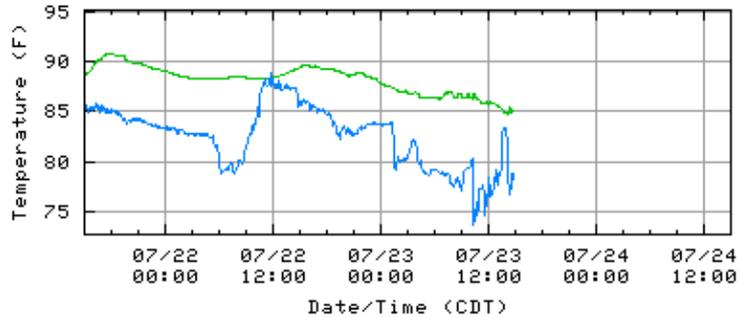


Rockport, TX - Station Map [Return to List](#)



Rockport, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Air/Water Temperature Plot
8774770 Rockport, TX
from 07/21/2008 14:54 - 07/24/2008 14:54



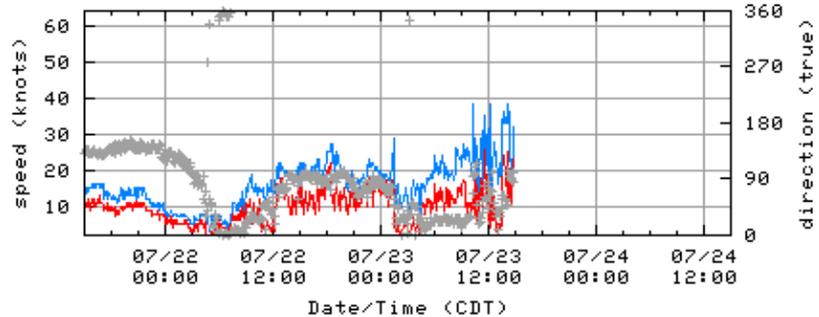
water temp. — air temp. —

Last Observed Sample: 07/23/2008 14:42 (CDT)

Water Temperature: 85.1° F Air Temperature: 78.3° F

Rockport, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8774770 Rockport, TX
from 07/21/2008 14:54 - 07/24/2008 14:54



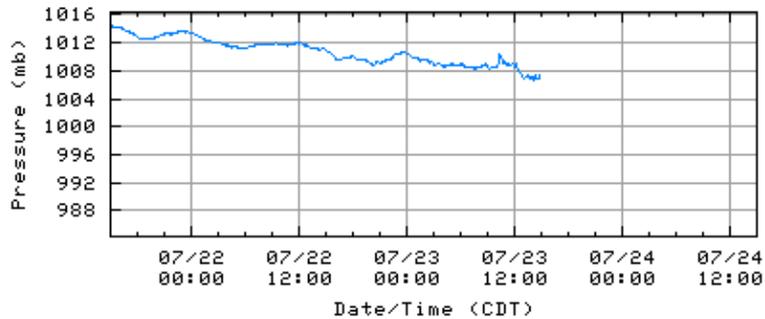
speed — gusts — direction +

Last Observed Sample: 07/23/2008 14:42 (CDT)

Wind Speed: 23 knots Gusts: 32 knots Direction: 085° T

Rockport, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
 Barometric Pressure Plot
 8774770 Rockport, TX
 from 07/21/2008 14:54 - 07/24/2008 14:54



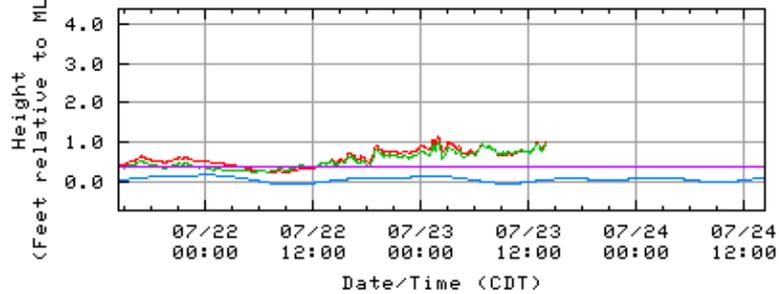
barometric pressure —

Last Observed Sample: 07/23/2008 14:42 (CDT)

Barometric Pressure: 1007.0 mb

Seadrift, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8773037 Seadrift, TX
 from 07/21/2008 14:24 - 07/24/2008 14:24



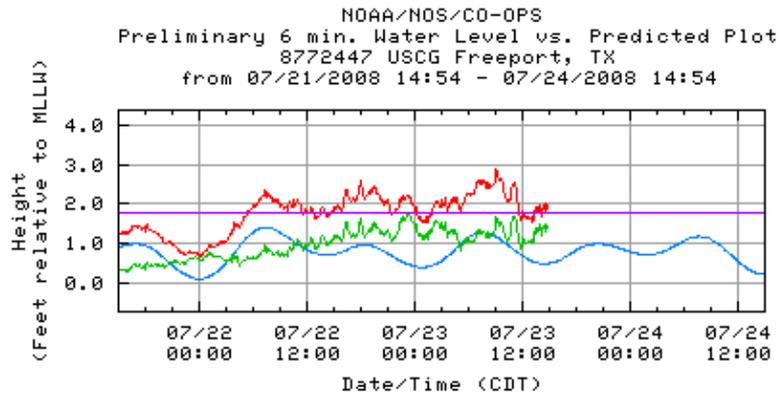
Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —

Last Observed Sample: 07/23/2008 14:00 (CDT)

Relative to **MLLW**: **Observed: 1.01 ft. Predicted: 0.06 ft. Residual: 0.95 ft.**

Historical Maximum Water Level: n/a

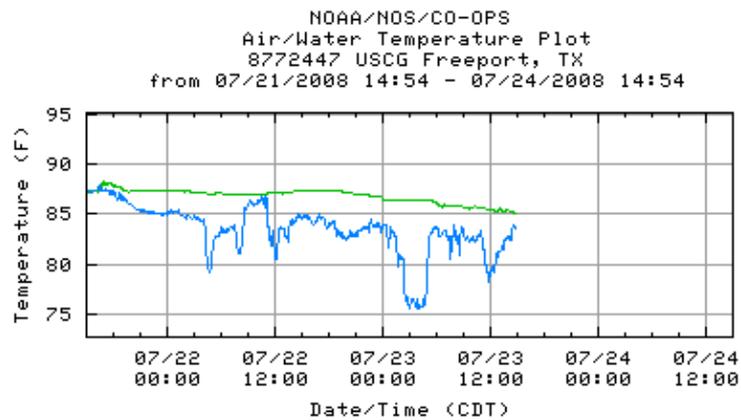
USCG Freeport, TX - Station Map [Return to List](#)



Predicted WL ——— (Obs-Pred) ———
Observed WL ——— MHHW ———

Last Observed Sample: 07/23/2008 14:42 (CDT)
Relative to **MLLW**: **Observed: 1.87 ft. Predicted: 0.50 ft. Residual: 1.37 ft.**
Historical Maximum Water Level: n/a

USCG Freeport, TX - Station Map [Return to List](#)

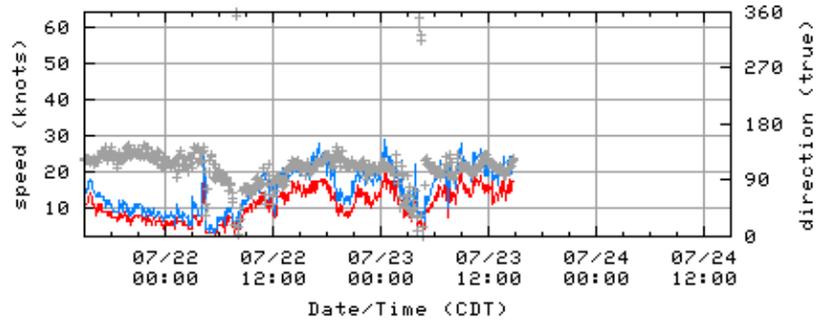


water temp. ——— air temp ———

Last Observed Sample: 07/23/2008 14:42 (CDT)
Water Temperature: 85.1° F Air Temperature: 83.5° F

USCG Freeport, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8772447 USCG Freeport, TX
from 07/21/2008 14:54 - 07/24/2008 14:54



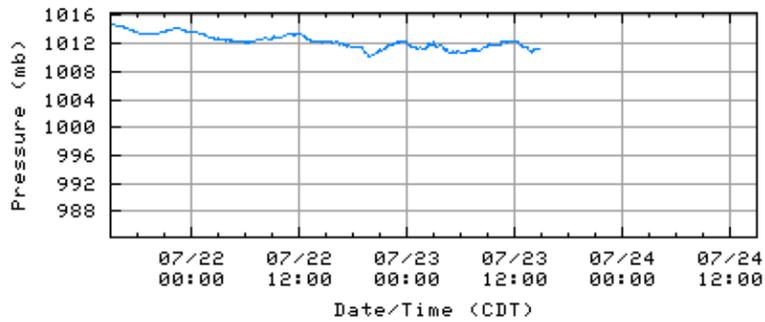
speed — gusts — direction +

Last Observed Sample: 07/23/2008 14:42 (CDT)

Wind Speed: 17 knots Gusts: 22 knots Direction: 124° T

USCG Freeport, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Barometric Pressure Plot
8772447 USCG Freeport, TX
from 07/21/2008 14:54 - 07/24/2008 14:54

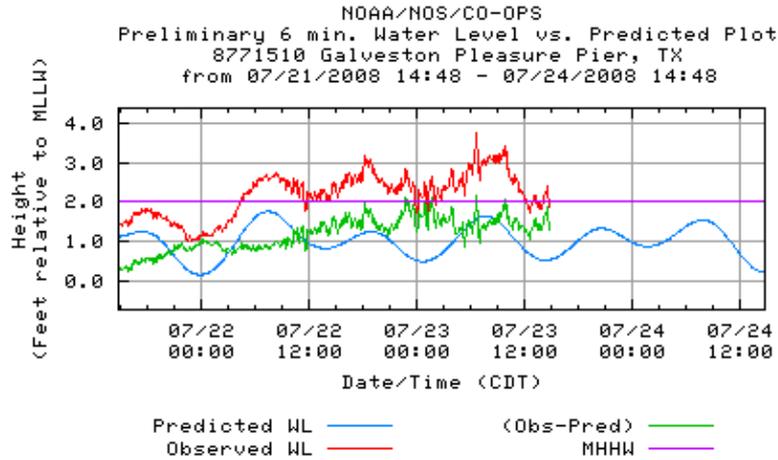


barometric pressure —

Last Observed Sample: 07/23/2008 14:42 (CDT)

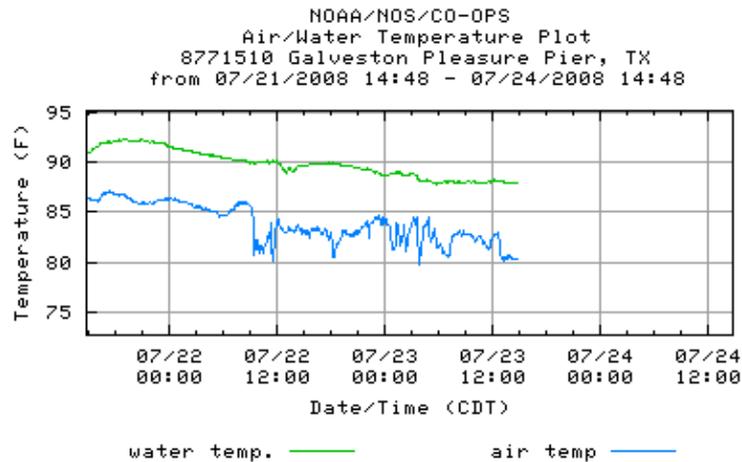
Barometric Pressure: 1011.2 mb

Galveston Pleasure Pier, TX - Station Map [Return to List](#)



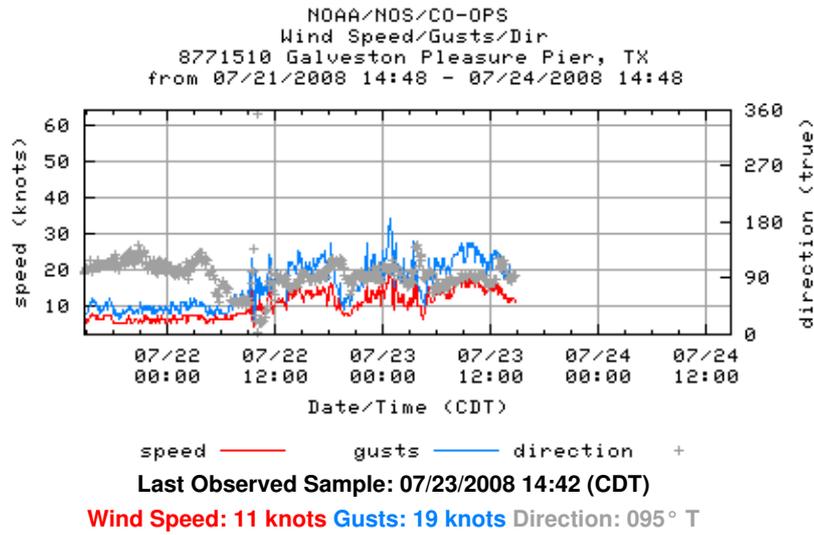
Last Observed Sample: 07/23/2008 14:42 (CDT)
 Relative to **MLLW**: **Observed: 1.86 ft. Predicted: 0.54 ft. Residual: 1.32 ft.**
 Historical Maximum Water Level: 09/11/1961, 7.16 ft. above **MHHW**

Galveston Pleasure Pier, TX - Station Map [Return to List](#)

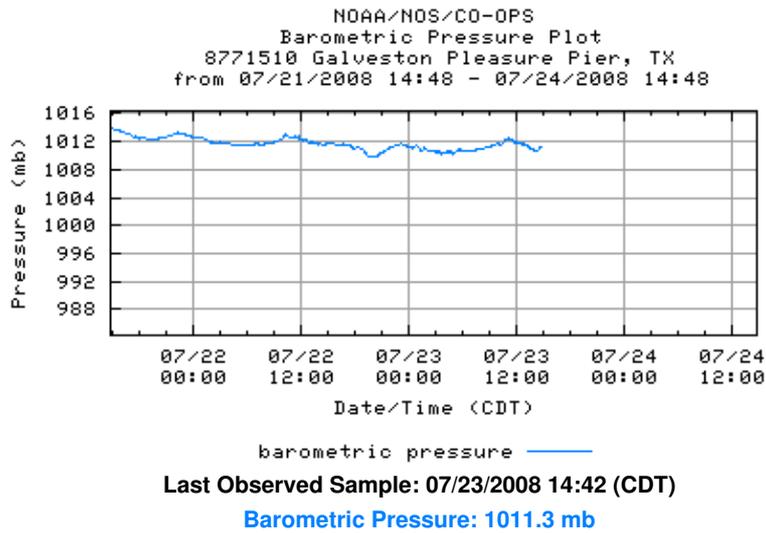


Last Observed Sample: 07/23/2008 14:42 (CDT)
Water Temperature: 87.9° F Air Temperature: 80.4° F

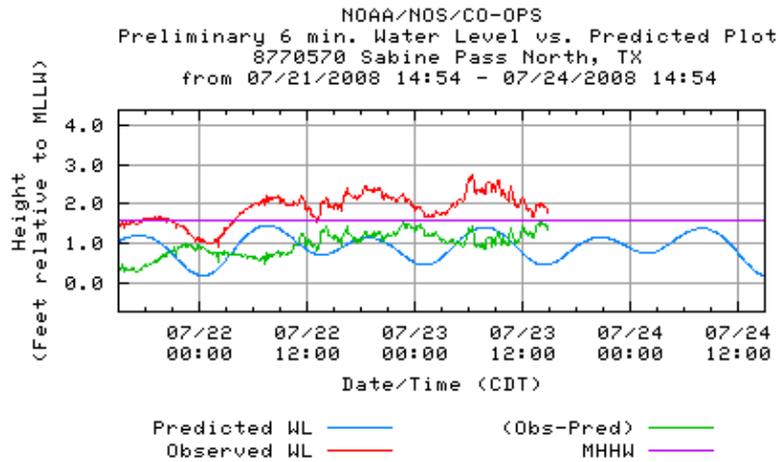
Galveston Pleasure Pier, TX - Station Map [Return to List](#)



Galveston Pleasure Pier, TX - Station Map [Return to List](#)

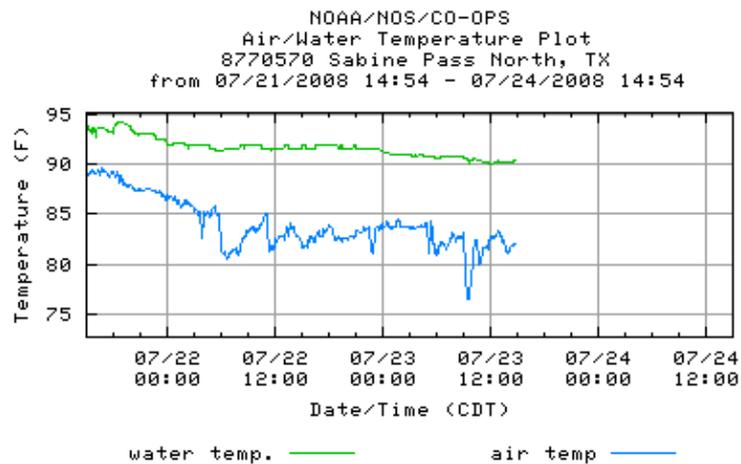


Sabine Pass North, TX - Station Map [Return to List](#)



Last Observed Sample: 07/23/2008 14:42 (CDT)
 Relative to **MLLW**: **Observed: 1.80 ft. Predicted: 0.47 ft. Residual: 1.33 ft.**
 Historical Maximum Water Level: 09/11/1998, 3.32 ft. above **MHHW**

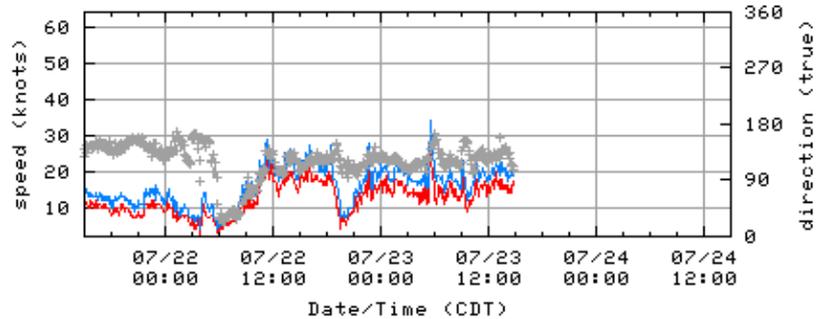
Sabine Pass North, TX - Station Map [Return to List](#)



Last Observed Sample: 07/23/2008 14:42 (CDT)
Water Temperature: 90.3° F Air Temperature: 82.0° F

Sabine Pass North, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8770570 Sabine Pass North, TX
from 07/21/2008 14:54 - 07/24/2008 14:54



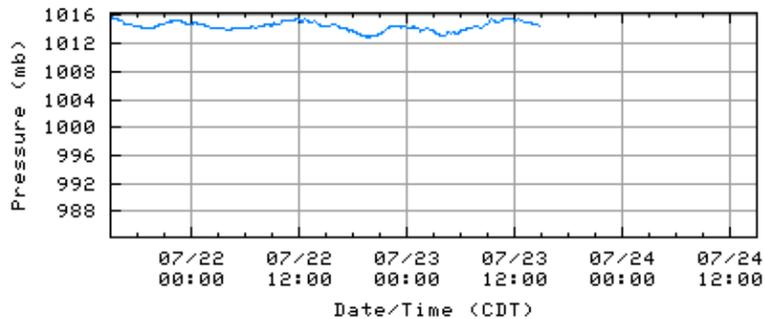
speed — gusts — direction +

Last Observed Sample: 07/23/2008 14:42 (CDT)

Wind Speed: 17 knots Gusts: 22 knots Direction: 114° T

Sabine Pass North, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Barometric Pressure Plot
8770570 Sabine Pass North, TX
from 07/21/2008 14:54 - 07/24/2008 14:54

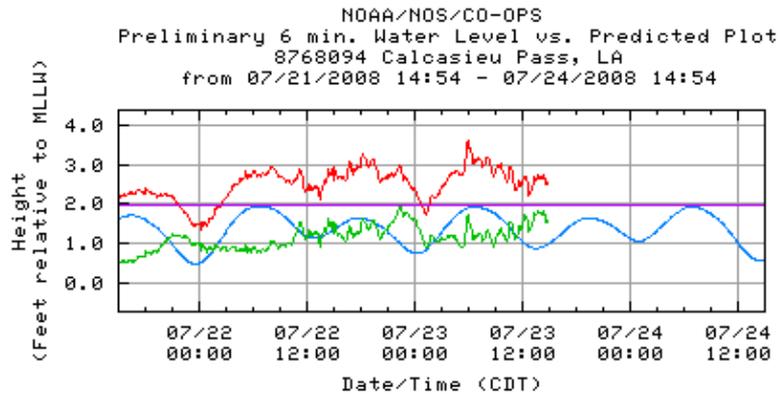


barometric pressure —

Last Observed Sample: 07/23/2008 14:42 (CDT)

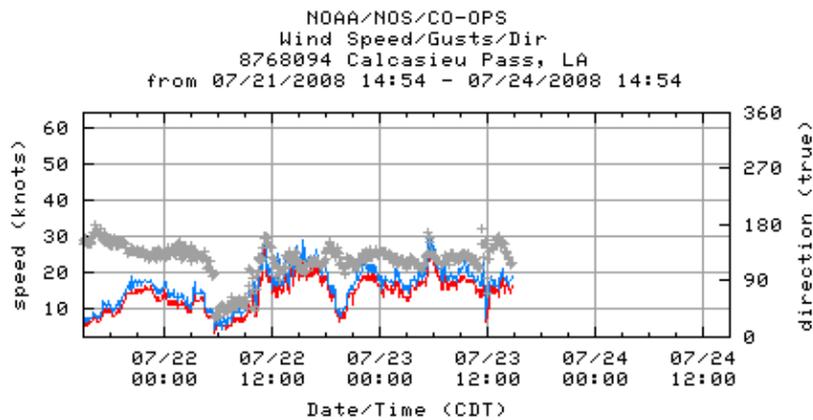
Barometric Pressure: 1014.6 mb

Calcasieu Pass, LA - Station Map [Return to List](#)



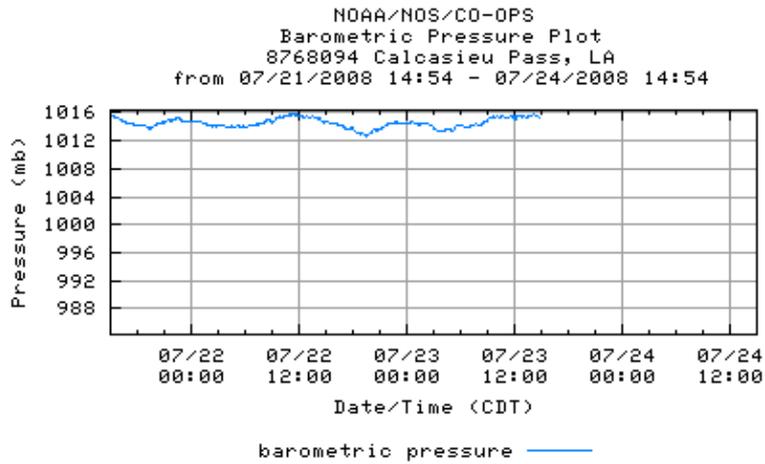
Last Observed Sample: 07/23/2008 14:42 (CDT)
 Relative to **MLLW**: **Observed: 2.52 ft. Predicted: 0.97 ft. Residual: 1.55 ft.**
 Historical Maximum Water Level: n/a

Calcasieu Pass, LA - Station Map [Return to List](#)



Last Observed Sample: 07/23/2008 14:36 (CDT)
Wind Speed: 16 knots Gusts: 19 knots Direction: 118° T

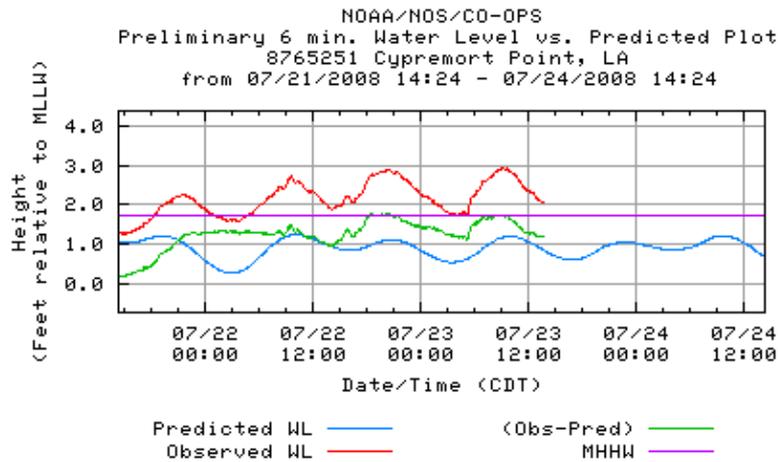
Calcasieu Pass, LA - Station Map [Return to List](#)



Last Observed Sample: 07/23/2008 14:36 (CDT)

Barometric Pressure: 1015.4 mb

Cypremort Point, LA - Station Map [Return to List](#)



Last Observed Sample: 07/23/2008 13:48 (CDT)

Relative to **MLLW**: Observed: 2.06 ft. Predicted: 0.85 ft. Residual: 1.21 ft.

Historical Maximum Water Level: n/a

Hurricane DOLLY QuickLook, POSTED 15:00 CDT 07/23/2008

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce